



AK-SERIES

Models: AK48-2-Std, AK48-2-Long, AK48-4

VEHICLE STANDARD FEATURES

Two year bumper-to-bumper warranty (less wear items)
Eight 6V (48V) batteries
7hp AC motor
450A Controller
Headlights, taillights, brake lights, turning signals
Automotive windshield with wiper
Horn and reverse beeper
Speedometer, odometer, battery indicator
Adjustable arm rests, adjustable front row backrest
2-point seat belts
Deluxe stereo and CD player with two speakers
Automatic battery charger
48V to 12V voltage reducer for accessories
On-board charger
Rear locking trunk

VEHICLE OPTIONS AND UPGRADES

LSV (NEV) street legal package
Aluminum doors, weather-sealed
2,000 W high output Air Conditioner (for use with door upgrade)
Five available utility box upgrades: stake box, enclosed box, beverage cart, insulated box, 2 tool box
Patrol lights
Battery filling system
Heater and defroster
Fan

STANDARD COLOR

White

Custom colors available: allow 12 weeks lead time.



AK48-2-Std



AK48-2-Long
Shown with door upgrade.



AK48-4
Shown with amber strobe light, air conditioner, and door upgrades.



Utility Box (standard)



2 Tool Box



Stake Box



Enclosed Box



Insulated Box



Beverage Cart



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	AK48-2-Std	AK48-2-Long	AK48-4
DIMENSIONS			
<i>Overall dimensions</i>	122”L x 57”W x 74”H (310 cm x 145 cm x 188 cm)	156”L x 57”W x 74”H (396 cm x 145 cm x 188 cm)	156”L x 57”W x 74”H (396 cm x 145 cm x 188 cm)
<i>Wheel base</i>	88” (224 cm)	120” (305 cm)	120” (305 cm)
<i>Ground clearance</i>	5” (12.7 cm)	5” (12.7 cm)	5” (12.7 cm)
<i>Wheel type</i>	12” aluminum (30.5 cm)	12” aluminum (30.5 cm)	12” aluminum (30.5 cm)
<i>Tire size</i>	225/55-R12 Radial, 5-ply	225/55-R12 Radial, 5-ply	225/55-R12 Radial, 5-ply
BODY & CHASSIS			
<i>Chassis</i>	Welded steel frame with phosphate electro-coating	Welded steel frame with phosphate electro-coating	Welded steel frame with phosphate electro-coating
<i>Body material</i>	Plastic polypropylene	Plastic polypropylene	Plastic polypropylene
POWER			
<i>Battery system</i>	8x6 V, Trojan T-105	8x6 V, Trojan T-105	8x6 V, Trojan T-105
<i>Motor power</i>	7 hp (5.2 kW) AC motor	7 hp (5.2 kW) AC motor	7 hp (5.2 kW) AC motor
<i>Controller power</i>	450A Controller	450A Controller	450A Controller
PERFORMANCE			
<i>Passengers</i>	2	2	4
<i>Top speed</i>	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)
<i>Top climbing grade</i>	15% (loaded)	15% (loaded)	15% (loaded)
<i>Turning radius</i>	14.7 ft (4.5 m)	19.8 ft (6 m)	19.8 ft (6 m)
<i>Total load capacity</i>	990 lbs (449 kg)	1100 lbs (499 kg)	990 lbs (449 kg)
<i>Cargo capacity</i>	660 lbs (299 kg)	800 lbs (363 kg)	800 lbs (363 kg)
<i>Weight with batteries</i>	1750 lbs, 1900 lbs with doors (794 kg, 862 kg with doors)	1910 lbs, 2060 lbs with doors (866 kg, 934 kg with doors)	1910 lbs, 2060 lbs with doors (866 kg, 934 kg with doors)
<i>Brake system</i>	Four-wheel hydraulic drum brakes with hand-activated parking brake	Four-wheel hydraulic drum brakes with hand-activated parking brake	Four-wheel hydraulic drum brakes with hand-activated parking brake
<i>Drive train</i>	Direct rear drive	Direct rear drive	Direct rear drive
STEERING AND SUSPENSION			
<i>Steering system</i>	Rack and pinion	Rack and pinion	Rack and pinion
<i>Front suspension</i>	Independent, coil over shock	Independent, coil over shock	Independent, coil over shock
<i>Rear suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock
CARGO BOX DIMENSIONS (L x W x H)			
<i>Default utility box dimensions</i>	48” x 47” x 10” (123 cm x 119 cm x 25 cm)	79” x 47” x 10” (201 cm x 119 cm x 25 cm)	48” x 47” x 10” (123 cm x 119 cm x 25 cm)
<i>2 tool boxes dimensions</i>	48” x 47” x 19” (123 cm x 119 cm x 48 cm)	74” x 47” x 10” (188 cm x 119 cm x 25 cm)	n/a
<i>Stake box dimensions</i>	48” x 47” x 19” (123 cm x 119 cm x 48 cm)	74” x 47” x 19” (188 cm x 119 cm x 48 cm)	48” x 47” x 19” (123 cm x 119 cm x 48 cm)
<i>Enclosed box dimensions</i>	48” x 47” x 38” (123 cm x 119 cm x 97 cm)	71” x 47” x 38” (180 cm x 119 cm x 97 cm)	48” x 47” x 38” (123 cm x 119 cm x 97 cm)
<i>Insulated box dimensions</i>	48” x 47” x 38” (123 cm x 119 cm x 97 cm)	71” x 47” x 38” (180 cm x 119 cm x 97 cm)	48” x 47” x 38” (123 cm x 119 cm x 97 cm)
<i>Beverage cart dimensions</i>	48” x 47” x 19” (123 cm x 119 cm x 48 cm)	74” x 47” x 19” (188 cm x 119 cm x 48 cm)	48” x 47” x 19” (123 cm x 119 cm x 48 cm)